Index of Claims

| App | lication/Control I | No |
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| TPP |                    | 10 |

10/697,848 Examiner

Isam Alsomiri

Applicant(s)/Patent under Reexamination

MCMAKIN ET AL.

Art Unit

3662

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|              |          |  |          |          |          |  |              |              | <u> </u>           | 1        | +        | П        | Т        | Ť        | Ť        | Т        | 7        | Т          | ٦.       | <u></u>  | T        |          |            |  | ri   |  | $\overline{\Box}$                                | 7  |  | ᅱ        |          |          |
| Final        | Original | 8/11/05  |          |          |          |  |              |              |                    |          | Final    | Original |          |          |          |          |          |            |          |          |          | Final    | Original   |  |  |  |  |  |  |          |          |          |
|              | 1        | 1  | Н        |          | _        | $\vdash$   |              | Н            | $\vdash$           | -        | -        | 51       | 十        | H        | 一        | $\dashv$ | $\dashv$ | $\dashv$   | $\dashv$ | $\dashv$ | $\dashv$ | _        | 101        | _  | $\vdash$   |  | -  |  |  | $\dashv$ | $\dashv$ | $\dashv$ |
|              | 2        | Ì  | Н        |          | _        | Н  | Н            | Н            |                    |          | -        | 52       | $\vdash$ | $\vdash$ | 寸        | $\neg$   | 寸        | 十          | ┪        | -        | $\dashv$ |          | 102        |  | -  |  |  |  |  | $\dashv$ | $\dashv$ | $\dashv$ |
|              | 3        | V  | Н        |          |          | Н  |              |              |                    | -        |          | 53       | +        | $\vdash$ | $\dashv$ | 寸        | $\dashv$ | 十          | ┪        | $\dashv$ | ┪        |          | 103        |  |  | Н  | Н  |  |  |          | $\dashv$ | $\dashv$ |
| $\vdash$     | 4        | V  | Н        | $\neg$   |          | Н  | Н            | Н            | $\overline{\cdot}$ | $\dashv$ |          | 54       | ┼┈       | $\vdash$ | $\dashv$ | $\neg$   | 十        | $\dashv$   | 7        | $\dashv$ | $\dashv$ | _        | 104        | _  |  | $\vdash$   | -  |  | $\vdash$   | $\dashv$ | ┪        | $\dashv$ |
|              | 5        | V  | Н        |          |          | Н  |              | Н            |                    | $\neg$   |          | 55       | +-       | $\vdash$ | _        | $\dashv$ | $\dashv$ | 十          | 7        | $\dashv$ | $\dashv$ |          | 105        |  |  |  | Н  |  |  | $\dashv$ | $\dashv$ | $\dashv$ |
|              | 6        | V  | Н        | -        |          | Н  | Н            | Н            |                    | 一        |          | 56       | †-       | H        | ┪        | 寸        | 寸        | 十          | ┪        | _        | 7        |          | 106        |  |  | $\vdash$   |  |  | _  | 7        | 寸        | $\dashv$ |
|              | 7        | 1  | П        |          |          | П  | Н            | П            |                    | $\neg$   |          | 57       | 1        | Н        | _        | ┪        | 寸        | 十          | ┪        | 十        | ┪        |          | 107        |  |  | _  |  |  |  |          | $\dashv$ | $\neg$   |
|              | 8        | 1  | П        |          |          | H  |              |              |                    |          | -        | 58       | T        | П        |          | $\neg$   | $\neg$   | 十          | 7        |          | ┪        |          | 108        |  |  |  | -  |  |  | $\neg$   | ヿ        | $\neg$   |
|              | 9        | √  | П        |          |          |  | П            | П            |                    |          |          | 59       | T        | П        | ヿ        | ヿ        | ヿ        | 寸          | 7        |          | ┪.       |          | 109        |  |  |  |  |  |  | ヿ        | ╗        | $\neg$   |
|              | 10       | √  | П        |          |          | П  |              |              |                    | $\neg$   |          | 60       | Т        | П        | ╗        | $\neg$   | 寸        | $\exists$  | $\neg$   |          | 7        |          | 110        |  |  |  |  |  |  | $\neg$   | ヿ        | $\neg$   |
|              | 11       | 1  | П        |          |          |  |              |              |                    |          |          | 61       |          | П        | 7        | 寸        | 寸        |            | $\neg$   |          |          |          | 111        | $\Box$   |  | Г  |  |  |  | $\neg$   | ヿ        | $\neg$   |
|              | 12       | 1  | П        |          |          |  |              |              |                    | $\neg$   |          | 62       | 1        | П        | ╛        | 寸        | $\neg$   | $\dashv$   | 7        | _        |          |          | 112        |  |  |  |  |  |  |          | $\neg$   |          |
|              | 13       | 1  | П        |          |          |  |              |              |                    | $\neg$   |          | 63       | T        | П        | ヿ        | 寸        | 寸        | $\dashv$   |          | $\top$   | 7        |          | 113        |  |  |  |  |  |  |          | $\neg$   |          |
|              | 14       | 7  |          |          |          |  |              |              |                    |          |          | 64       |          | П        | 一        | T        |          | $\neg$     | $\neg$   |          |          |          | 114        |  |  |  |  |  |  |          | T        |          |
|              | 15       | 1  |          |          |          |  |              |              |                    |          |          | 65       |          |          |          |          |          |            |          | $\Box$   |          |          | 115        |  |  |  |  |  |  |          |          |          |
|              | 16       | 1  | П        |          |          |  |              |              |                    | $\neg$   |          | 66       |          |          |          |          |          |            |          |          |          |          | 116        |  |  |  |  |  |  |          |          |          |
|              | 17       | 1  |          |          |          |  |              |              |                    |          |          | 67       |          |          |          |          |          |            |          |          |          |          | 117        |  |  |  |  |  |  |          |          |          |
|              | 18       | 1  |          |          |          |  |              |              |                    |          |          | 68       |          |          |          |          |          |            |          |          |          |          | 118        |  |  |  |  |  |  |          |          |          |
|              | 19       | 1  |          |          |          |  |              |              |                    |          |          | 69       |          |          |          |          |          |            |          |          |          |          | 119        |  |  |  |  |  |  |          |          |          |
|              | 20       | 1  |          |          |          |  |              |              |                    |          |          | 70       |          |          |          |          |          |            |          |          |          |          | 120        |  |  |  |  |  |  |          |          |          |
|              | 21       | 1  |          |          |          |  |              |              |                    |          |          | 71       |          |          |          |          |          |            |          |          |          |          | 121        |  |  |  |  |  |  |          |          |          |
|              | 22       | 1  |          |          |          |  |              |              |                    |          |          | 72       |          |          |          |          |          |            |          |          |          |          | 122        |  |  |  |  |  |  |          |          |          |
|              | 23       | V  |          |          |          |  |              |              |                    |          |          | 73       |          |          |          |          |          |            |          |          |          |          | 123        |  |  |  |  |  |  |          |          | Ш        |
|              | 24       | V  |          |          |          |  |              |              |                    | _        |          | 74       | 丄        | Ш        | $\Box$   |          |          | $\perp$    |          |          | ┙        |          | 124        |  |  |  |  |  |  |          |          |          |
|              | 25       | 1  |          |          | _        |  | _            |              |                    |          | \        | 75       | 1_       | Ш        |          | _        |          | _          |          |          | _        |          | 125        | _  | _  |  | _  |  |  |          |          | $\perp$  |
|              | 26       | 1  |          |          |          | _  |              |              | Ш                  |          |          | 76       | ┸        | Ш        | _        |          | _        | _          | _        | _        | _        |          | 126        |  | _  |  | _  |  |  |          | _        |          |
|              | 27       | <u> </u>   |          |          |          |  |              |              |                    |          | <u> </u> | 77       | _        | Ш        | _        |          | _        | _          | _        | _ _      | 4        |          | 127        | _  |  |  |  | _  |  |          | _        |          |
|              | 28       | $oxed{oxed}$                                     |          |          |          |  | L_           |              |                    |          | ļ        | 78       | _        | Ш        |          | _        | _        | _          | _        |          |          |          | 128        | L  | _  | <u> </u>   | _  | _  | _  | $\dashv$ | _        |          |
|              | 29       | <u> </u>   |          |          |          |  |              |              | Щ                  |          | <u> </u> | 79       | 1        | Ш        | _        | _        | _        | 4          | 4        | _        | 4        |          | 129        | _  | _  | _  |  |  | $oxed{oxed}$                                     |          | _        |          |
| <u> </u>     | 30       | <u> </u>   |          |          |          | _  | _            | _            |                    |          | <u> </u> | 80       | _        | Ш        | _        | _        | _        | _          | 4        | -        | 4        |          | 130        | _  | <u> </u>   |  |  |  | <u> </u>   | $\Box$   | 4        | $\vdash$ |
|              | 31       | <u> </u>   | _        |          |          | _  | _            | _            | H                  |          | ļ        | 81       | _        | Н        |          |          |          | -          | 4        |          | 4        |          | 131        | L.   |  |  | _  | _  | _  | $\dashv$ |          | ш        |
| <u> </u>     | 32       | -  | $\vdash$ |          | _        | <u> </u>   |              | _            | $\vdash$           | _        |          | 82       | ┼        |          |          |          | $\dashv$ |            | 4        | -        | $\dashv$ | -        | 132        | ├  | <del> </del>                                     | <u> </u>   |  | <b>—</b>   | _  |          |          | ال       |
| <u> </u>     | 33       | <del> </del>                                     |          |          |          |  | <del> </del> | _            | $\vdash$           | $\dashv$ | <u> </u> | 83       | +        | Н        | -        |          | $\dashv$ | $\dashv$   |          |          | $\dashv$ |          | 133        | ⊢  | ⊢  | <del> </del> —                                   | $\vdash$   | -  |  | -        | $\dashv$ | _        |
|              | 34<br>35 | $\vdash$   | $\vdash$ |          | <u> </u> | $\vdash$   | $\vdash$     | $\vdash$     | Н                  | $\dashv$ | $\vdash$ | 84       | +        | $\vdash$ |          |          |          | $\dashv$   |          | +        | $\dashv$ | -        | 134<br>135 | -  | ├  | -  | $\vdash$   | $\vdash$   | $\vdash$   | -        |          |          |
| <del></del>  | 36       | $\vdash$   | -        |          | ļ        | $\vdash$   | $\vdash$     | $\vdash$     | $\vdash$           | $\dashv$ | $\vdash$ | 86       | +        | Н        | ,        |          | -        | $\dashv$   | +        | -        | $\dashv$ |          | 136        | $\vdash$   |  | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$ |          |          |
| -            | 37       | -  | $\vdash$ | -        | <u> </u> | $\vdash$   | H            |              | $\vdash$           | $\dashv$ | -        | 87       | +        | $\vdash$ | -        |          | -        | $\dashv$   | -        | +        | $\dashv$ | -        | 137        | $\vdash$   | ⊢  | ⊢  | -  | $\vdash$   | $\vdash$   | $\vdash$ |          | _        |
| $\vdash$     | 38       | -  | $\vdash$ |          | <u> </u> | $\vdash$   | $\vdash$     | 1            | -                  | $\dashv$ | -        | 88       | +        | $\vdash$ | -        | -        | $\dashv$ | $\dashv$   |          | +        | $\dashv$ | -        | 138        | <del> </del>                                     | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | -        |          | Н        |
| <del></del>  | 39       | -  | $\vdash$ |          |          | -  | $\vdash$     | -            | -                  | $\dashv$ | $\vdash$ | 89       | +        | Н        | -        |          | $\dashv$ | +          |          | +        | $\dashv$ | -        | 139        | 1  | $\vdash$   | $\vdash$   | -  | $\vdash$   | $\vdash$   | -        | $\dashv$ |          |
| <u> </u>     | 40       | $\vdash$   | Н        |          | $\vdash$ | $\vdash$   |              | $\vdash$     | $\vdash$           | $\dashv$ | $\vdash$ | 90       | +        | Н        | $\dashv$ |          | -+       | +          | $\dashv$ | _        | $\dashv$ |          | 140        | $\vdash$   | $\vdash$   | $\vdash$   | -  |  | -  | $\vdash$ | ᅱ        | Н        |
| <del> </del> | 41       | -  | -        |          | $\vdash$ | <del>                                     </del> | 1            | -            | -                  | $\dashv$ | -        | 91       | +-       | $\vdash$ |          | $\dashv$ | +        | +          | ┥        | $\dashv$ | $\dashv$ | -        | 141        |  | <del> </del>                                     | +-   | <del> </del>                                     | $\vdash$   | <del>                                     </del> | $\vdash$ | $\dashv$ | Н        |
| <del></del>  | 42       | $\vdash$   | $\vdash$ | _        | $\vdash$ | $\vdash$   | $\vdash$     | $\vdash$     | -                  | $\dashv$ | $\vdash$ | 92       | ╁        | Н        | $\dashv$ | -        | $\dashv$ | $\dashv$   | ᅱ        | -+       | $\dashv$ | -        | 142        | $\vdash$   | -  | 1  | $\vdash$   | $\vdash$   |  |          | $\dashv$ | Н        |
| <u> </u>     | 43       | -  | -        |          |          | -  | $\vdash$     | $\vdash$     |                    | $\dashv$ | -        | 93       | ╁        | $\vdash$ |          | -        | -        | 十          | ᅱ        | +        | $\dashv$ | -        | 143        | ╁  | ╁  | $\vdash$   | <del>                                     </del> | <del>  -</del>                                   | -  | -        | -        | Н        |
|              | 44       | <del> </del>                                     | -        | $\vdash$ | $\vdash$ | $\vdash$   |              | $\vdash$     |                    | $\dashv$ | $\vdash$ | 94       |          | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$   | $\dashv$ | $\dashv$ | $\dashv$ |          | 144        | <del> </del>                                     | ╁  | $\vdash$   | <del> </del>                                     | -  | <del></del>                                      | $\vdash$ | $\dashv$ | Н        |
|              | 45       | $\vdash$   | $\vdash$ | _        | $\vdash$ | $\vdash$   | -            | $\vdash$     | -                  | $\dashv$ |          | 95       |          | Н        | -        | -        | $\dashv$ | -          | -        | +        | $\dashv$ | -        | 145        | $\vdash$   | 1  | 1  | $\vdash$   | $\vdash$   | -  | $\vdash$ | $\dashv$ | _        |
| <del> </del> | 46       | $\vdash$   |          | _        | $\vdash$ | $\vdash$   | $\vdash$     | $\vdash$     | -                  | $\dashv$ |          | 96       |          | Н        |          | $\dashv$ | $\dashv$ | 十          | ᅥ        | 十        | $\dashv$ | $\vdash$ | 146        | ┢  | 1  | $\vdash$   | ┢  | ┢  | $\vdash$   | $\dashv$ | -        | М        |
| <b> </b>     | 47       | $\vdash$   | $\vdash$ |          | $\vdash$ | $\vdash$   | $\vdash$     | <del> </del> |                    | $\dashv$ |          | 97       | +        | Н        |          | $\dashv$ | -        | $\dashv$   | -        | +        | $\dashv$ |          | 147        | <del>                                     </del> | <del>                                     </del> | $\vdash$   | $\vdash$   | <del>                                     </del> | $\vdash$   |          | $\dashv$ |          |
| $\vdash$     | 48       | 1  |          | _        |          | ┢  | $\vdash$     | Н            | Н                  | $\dashv$ | -        | 98       |          | Н        | -        | $\dashv$ | -1       | $\dashv$   | $\dashv$ | $\dashv$ | $\dashv$ |          | 148        | Н  | $\vdash$   | ✝  | $\vdash$   | <del>                                     </del> | <del>                                     </del> | $\vdash$ | $\dashv$ |          |
| $\vdash$     | 49       | $\vdash$   | $\vdash$ | $\vdash$ | $\vdash$ |  | $\vdash$     | $\vdash$     |                    | $\dashv$ |          | 99       |          | Н        | $\neg$   | $\neg$   | $\dashv$ | $\dashv$   | $\dashv$ | $\dashv$ | $\dashv$ |          | 149        | $\vdash$   | 1  | <del>                                     </del> | $\vdash$   | Г  | $\vdash$   | $\vdash$ | $\dashv$ | _        |
|              | 50       | <del>                                     </del> | 1        | -        | Н        | <del>                                     </del> | $\vdash$     | $\vdash$     | T                  | $\dashv$ | <b>—</b> | 100      | +        | Н        |          | $\dashv$ | -        | $\dashv$   | $\dashv$ | $\top$   | ┨        |          | 150        | 1  | 1  | <del>                                     </del> |  | <del>                                     </del> | T  | $\vdash$ | $\dashv$ |          |
|              | , 50     |  | <b>I</b> | Ц        | Ь        | ــــــــــــــــــــــــــــــــــــــ           | Ц            | <u> </u>     | Щ                  | لـــا    | L        | 1,00     | `        | ш        |          |          |          |            |          |          |          |          | 1.00       | <u></u>  | ь_   | ــــــــــــــــــــــــــــــــــــــ           | 1  |  | Щ  | لسا      |          |          |